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ATTORNEY'S DOCKET NO. .
TH1615 (US)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ONE-STEP PRODUCTION OF 1,3-PROPANEDIOL FROM ETHYLENE OXIDE AND SYNGAS WITH A COBALT-IRON CATALYST the specification of which is attached hereto unless the following box is checked:

☒ was filed on May 15, 2002, as United States Application Number or PCT International Application Number 10/146,675 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 27 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)			Priority
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	Not Claimed <input type="checkbox"/>
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

APPLICATION SERIAL NO.	FILED DATE
60/291,827	May 18, 2001
APPLICATION SERIAL NO.	FILED DATE

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

APPLICATION SERIAL NO.	FILED DATE	STATUS-PATENTED, PENDING, ABANDONED
APPLICATION SERIAL NO.	FILED DATE	STATUS-PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Donald F. Haas	Attorney	26,177	(713) 241-3356
NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Richard F. Lemuth	Attorney	30,081	(713) 241-3716

Revised June 1995

SEND CORRESPONDENCE TO:

(NAME) Donald F. Haas
c/o Shell Oil Company
Intellectual Property
P.O. Box 2463
Houston, TX 77252-2463

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FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) John Frederick KNIFTON	
INVENTOR'S SIGNATURE <i>John Frederick Knifton</i>	DATE SIGNED <i>July 10, 2002</i>
RESIDENCE 14855 Memorial Drive #2501, Houston, Texas 77079	CITIZENSHIP United States
POST OFFICE ADDRESS 14855 Memorial Drive #2501, Houston, Texas 77079	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name) Talmadge Gail JAMES	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 3346 South Pinebark, Conroe, Texas 77303	CITIZENSHIP United States
POST OFFICE ADDRESS 3346 South Pinebark, Conroe, Texas 77303	

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) Lynn Henry SLAUGH	
INVENTOR'S SIGNATURE <i>Lynn Henry Slauch</i>	DATE SIGNED <i>July 11, 2002</i>
RESIDENCE 13415 Copeland Oaks Road, Houston, Texas 77429	CITIZENSHIP United States
POST OFFICE ADDRESS 13415 Copeland Oaks Road, Houston, Texas 77429	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Paul Richard WEIDER	
FOURTH INVENTOR'S SIGNATURE <i>Paul Richard Weider</i>	DATE SIGNED <i>July 10, 2002</i>
RESIDENCE 15014 Tramore, Houston, Texas 77083	CITIZENSHIP United States
POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN	
THIRD INVENTOR'S SIGNATURE <i>Kevin Dale Allen</i>	DATE SIGNED <i>July 16, 2002</i>
RESIDENCE 37225 South Lakeshore Ave, Prairieville, LA 70769 KDA	CITIZENSHIP United States
POST OFFICE ADDRESS 37225 South Lakeshore Ave, Prairieville, LA 70769 KDA	

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FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	
Joseph Broun POWELL	
INVENTOR'S SIGNATURE	DATE SIGNED
<i>Joseph Broun Powell</i>	July 11, 2002
RESIDENCE	CITIZENSHIP
10506 Normont Drive, Houston, Texas 77070	United States
POST OFFICE ADDRESS	
10506 Normont Drive, Houston, Texas 77070	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name)	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

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APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED
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Priority
Not Claimed

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SECOND INVENTOR'S SIGNATURE <i>Talmadge Gail James</i>	DATE SIGNED 7/16/02
RESIDENCE 3346 South Pinebark, Conroe, Texas 77303	CITIZENSHIP United States
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FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale ALLEN	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
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POST OFFICE ADDRESS 20530 Serrington Drive, Katy, Texas 77449	

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THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

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FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name)	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	